

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A method of forming a plasma ~~intended~~ for the chemical treatment of an organochlorine substance in the liquid or solid state ~~substances~~, in which at least two electrodes and a layer of dielectric material located between the two electrodes and an organochlorine substance in the liquid or solid state are placed in a chamber in order to form a plasma glow ~~discharges~~ discharge that chemically treats the organochlorine substance, the method comprising introducing a controlled flow comprising oxygen into the chamber, creating a plasma, and chemically treating the organochlorine substance with the plasma, the controlled flow during its introduction into the chamber containing none of the organochlorine substance substances to be treated.

Claim 2 (Previously Presented): The method according to Claim 1, wherein the electrodes are of concentric cylindrical geometry.

Claim 3 (Currently Amended): The method according to Claim 1, wherein said layer of dielectric material comprises alumina and covers at least one of the electrodes ~~is covered with a dielectric layer comprising alumina.~~

Claim 4 (Cancelled)

Claim 5 (Cancelled)

Claim 6 (Cancelled)

Claim 7 (Currently Amended): The method according to Claim 6, wherein the ~~toxic substances are~~ organochlorine substance is in the solid state.

Claim 8 (Currently Amended): The method according to Claim 1 [[4]], wherein the plasma includes water.

Claim 9 (Currently Amended): The method according to Claim 1 [[4]] ~~wherein the further comprising measuring~~ CO₂ produced during decomposition of the organochlorine substance ~~toxic substances is measured.~~

Claim 10 (Cancelled)

Claim 11 (New): The method according to Claim 1, wherein the dielectric material is glass.

Claim 12 (New): The method according to Claim 6, wherein the ~~toxic substances are~~ organochlorine substance is in the liquid state.

Claim 13 (New): The method according to Claim 1, wherein flow is at least partly in gaseous form.

Claim 14 (New): The method according to Claim 13, wherein flow is entirely gaseous.

Claim 15 (New): The method according to Claim 1, wherein oxygen is present in the flow in a proportion of at least 5% by weight.

Claim 16 (New): The method according to Claim 1, wherein the oxygen in the flow is completely or partly in the form of water.

Claim 17 (New): The method according to Claim 1, wherein a plasma pressure is between 0.9 bar and 1.1 bar.

Claim 18 (New): The method according to Claim 2, wherein an inner electrode is constituted by a wire located at the center of an outer electrode.

Claim 19 (New): The method according to Claim 3, wherein the organochlorine substance is directly in contact with an electrode covered with a dielectric layer comprising alumina.

Claim 20 (New): The method according to Claim 19, wherein the organochlorine substance comprises at least one of hexachlorobenzene and hexachlorobutadiene.